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> EDUP AC1300M Dual Band WiFi and Bluetooth 4.2 PCI-E Card Instruction Manual

EDUP AC1300M

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Instruction Manual

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and troubleshooting of your EDUP AC1300M PCI-E Wireless Network Card. This card offers dual-band Wi-Fi (2.4GHz and 5.8GHz) and Bluetooth 4.2 connectivity, designed to enhance the wireless capabilities of your desktop PC running Windows 10, Windows 8.1, or Windows 7.

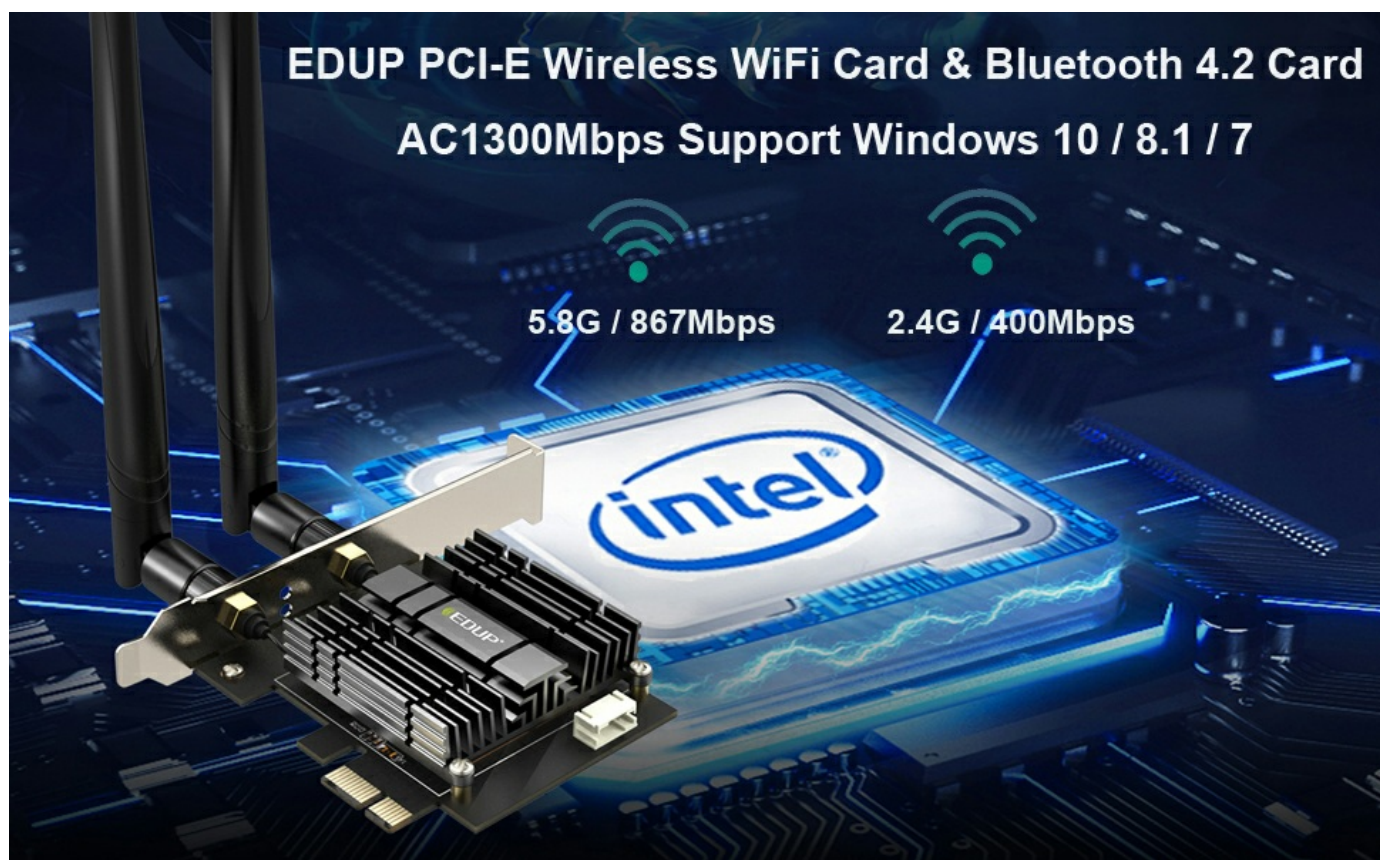


Image: EDUP AC1300M PCI-E WiFi and Bluetooth Card shown with antennas, connected to a desktop computer setup.

PACKAGE CONTENTS

Please verify that all items are present in the package:

- 1 x EDUP AC1300M PCI-E Wireless Network Card
- 2 x Detachable Antennas
- 1 x Bluetooth USB Cable (for motherboard connection)
- 1 x Driver CD-ROM
- 1 x Mounting Screw
- 1 x Small Screwdriver
- 1 x Low-Profile Bracket (for small form factor cases)



Image: All components included in the EDUP AC1300M package, laid out for inspection.

SETUP AND INSTALLATION

1. Hardware Installation

1. **Power Off and Open PC:** Completely shut down your computer and disconnect the power cable. Open the side panel of your computer case.
2. **Remove Slot Cover:** Locate an available PCI-E slot on your motherboard. Remove the corresponding metal slot cover from the back of your PC case.

Package Items



Image: A hand removing a metal slot cover from the back of a computer case, preparing for card installation.

3. **Insert PCI-E Card:** Carefully insert the EDUP AC1300M card into an empty PCI-E slot (compatible with PCI-E X1, X4, X8, X16 slots). Ensure it is firmly seated.



Image: The EDUP AC1300M PCI-E card being carefully inserted into an available PCI-E slot on a motherboard.

4. **Secure the Card:** Fasten the card to the chassis with the provided mounting screw.
5. **Connect Bluetooth USB Cable:** Locate a 9-pin USB header on your motherboard. Connect the included Bluetooth USB cable from the EDUP card to this header. This connection is essential for Bluetooth functionality.



Image: The Bluetooth USB cable connected to the EDUP PCI-E card and then to a 9-pin USB header on the motherboard.

6. **Attach Antennas:** Screw the two detachable antennas onto the connectors at the back of the card. Adjust their orientation for optimal signal reception.
7. **Close PC Case:** Replace the side panel of your computer case and reconnect the power cable.

2. Driver Installation

After hardware installation, you need to install the necessary drivers for both Wi-Fi and Bluetooth functionality.

1. **Insert Driver CD:** Insert the included driver CD-ROM into your computer's optical drive.
2. **Install Drivers:** Follow the on-screen instructions to install both the Wi-Fi driver and the Bluetooth driver. It is crucial to install both for full functionality.
3. **Alternative Driver Source:** If your computer lacks an optical drive or the CD-ROM is unreadable, please contact EDUP customer support for a link to download the latest drivers.
4. **Restart Computer:** After installing the drivers, restart your computer to ensure all changes take effect.

OPERATING INSTRUCTIONS

Wi-Fi Connectivity

Once the drivers are installed, your computer will detect available Wi-Fi networks.

- **Connect to Wi-Fi:** Click on the Wi-Fi icon in your system tray (usually in the bottom-right corner of your screen), select your desired network, and enter the password if prompted.
- **Dual Band Operation:** The card supports both 2.4GHz and 5.8GHz bands. The 2.4GHz band offers wider coverage, while the 5.8GHz band provides faster speeds with less interference, ideal for online gaming and 4K Ultra HD video streaming.
- **Soft AP Function:** You can create a Wi-Fi hotspot using the Soft AP function, allowing other Wi-Fi devices to connect to your computer's internet connection. Refer to your operating system's network settings for configuration.



Image: Visual representation of dual-band Wi-Fi (5.8GHz and 2.4GHz) capabilities, indicating 1300 Mbps total speed and Bluetooth 4.2 support.

Bluetooth Connectivity

Ensure the Bluetooth USB cable is correctly connected to your motherboard for Bluetooth functionality.

- **Enable Bluetooth:** In Windows settings, navigate to 'Devices' > 'Bluetooth & other devices' and ensure Bluetooth is turned on.
- **Pair Devices:** Put your Bluetooth device (e.g., mouse, keyboard, headphones) into pairing mode. Click 'Add Bluetooth or other device' on your PC and select your device to pair.
- **Compatibility:** Bluetooth 4.2 is backward compatible with older Bluetooth versions, allowing connection to a wide range of devices.

Bluetooth 4.2

Note: A power cable for Bluetooth needs to be connected to the motherboard 9-pin interface



Image: Illustration of multiple devices such as headphones, speakers, smartphones, tablets, keyboards, mice, and printers connecting

MAINTENANCE

The EDUP AC1300M card features a high-quality heatsink designed for efficient heat dissipation. This helps maintain optimal operating temperature and performance, especially during demanding tasks like gaming or 4K video playback. No specific user maintenance is required for the heatsink itself.

TROUBLESHOOTING

- **No Wi-Fi or Bluetooth:** Ensure the card is correctly seated in the PCI-E slot and the Bluetooth USB cable is securely connected to the motherboard. Verify that both Wi-Fi and Bluetooth drivers are installed.
- **Poor Signal/Slow Speed:** Adjust the orientation of the antennas. Ensure your router is within reasonable range and there are no major obstructions. Try connecting to the 5.8GHz band if your router supports it and you are close to the router.
- **Bluetooth Disconnections:** Confirm the Bluetooth USB cable is firmly connected. Try updating the Bluetooth driver to the latest version from the EDUP support website or Intel's website (for Intel 7265 chipset).
- **Driver Installation Issues:** If the included CD-ROM does not work, download the drivers directly from the EDUP support website. If issues persist, contact customer support.
- **Card Not Detected:** Power off your PC, reseal the card in the PCI-E slot, and ensure it is fully inserted. Check your motherboard's BIOS/UEFI settings to ensure the PCI-E slot is enabled.

SPECIFICATIONS

Brand	EDUP
Model	AC1300M
Chipset	Intel 7265
Wi-Fi Standard	802.11ac
Frequency Bands	2.4GHz / 5.8GHz
Data Transfer Rate	Up to 1300 Mbps (867 Mbps on 5.8GHz, 400 Mbps on 2.4GHz)
Bluetooth Version	4.2
Interface	PCI-E (X1, X4, X8, X16 compatible)
Operating System Support	Windows 10 / Windows 8.1 / Windows 7
Product Weight	5.8 Grams
UPC	793420183698

WARRANTY AND SUPPORT

Warranty Information

This EDUP product comes with a two-year manufacturer's warranty. Please retain your proof of purchase for warranty claims.

Customer Support

For technical assistance, driver downloads, or any other inquiries, please contact EDUP customer support through the Amazon messaging system. Our support team is available to help you with any issues you may encounter.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Example: How do I reset this device or fix this error?

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Model number, symptoms, what you tried, or the section of the manual you are using.

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